

#3

FIG. 1

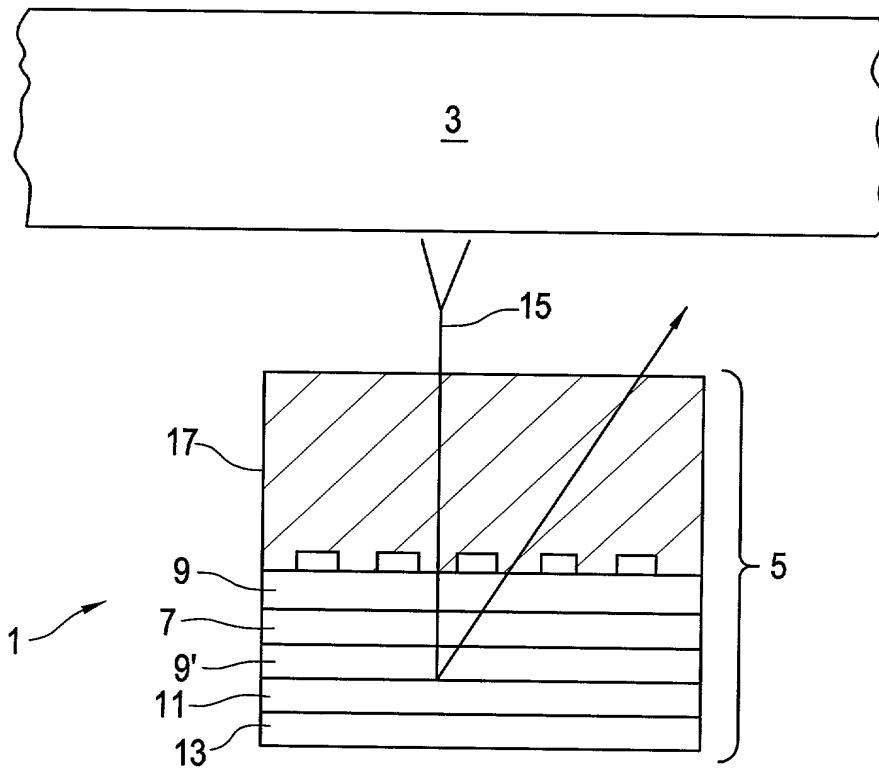


FIG. 2

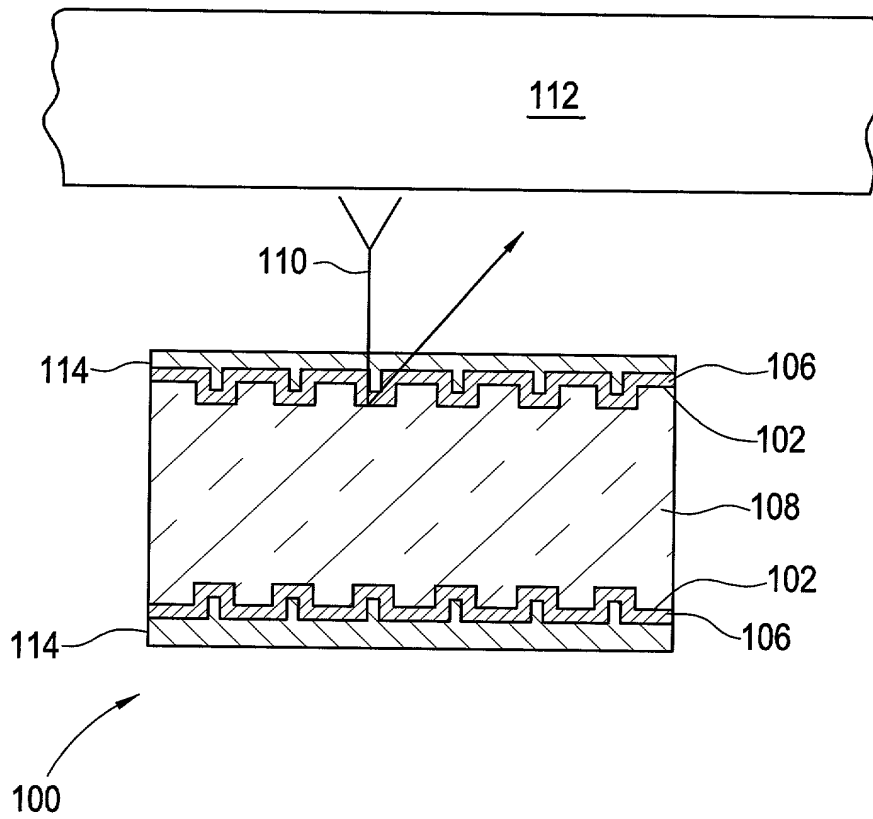


FIG. 3

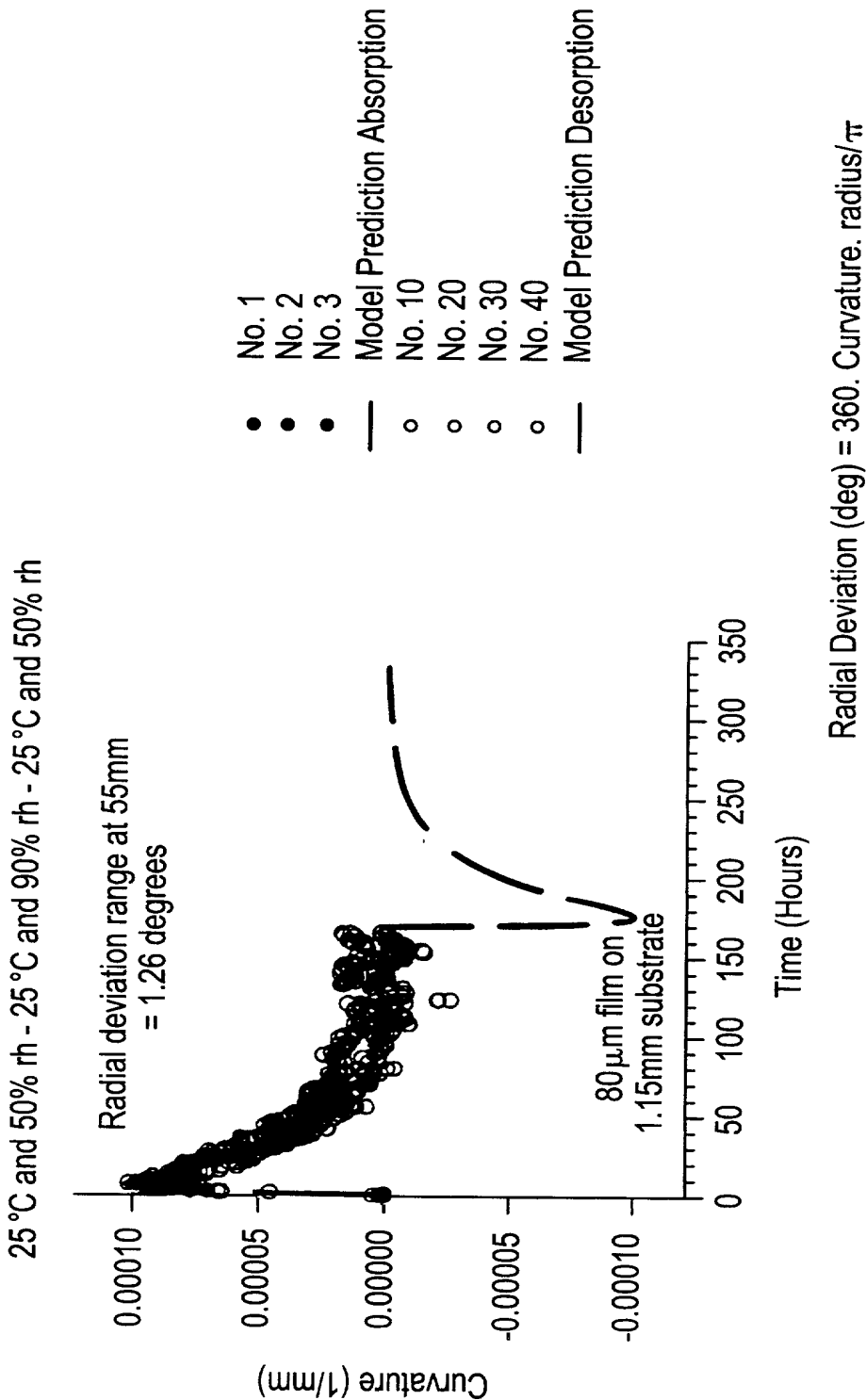


FIG. 4

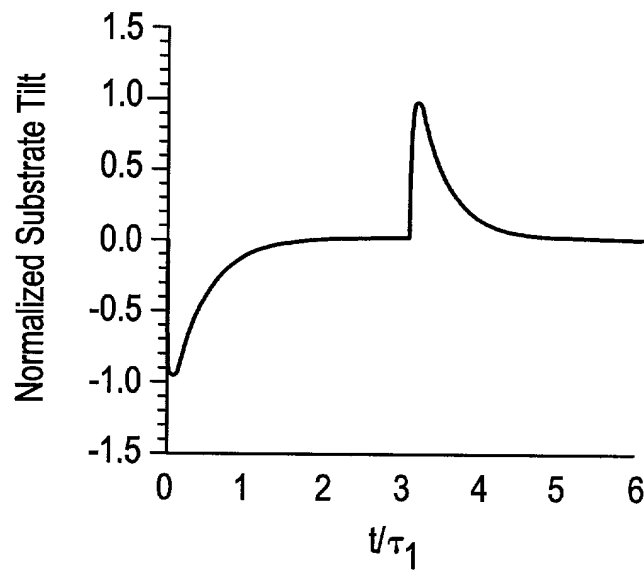
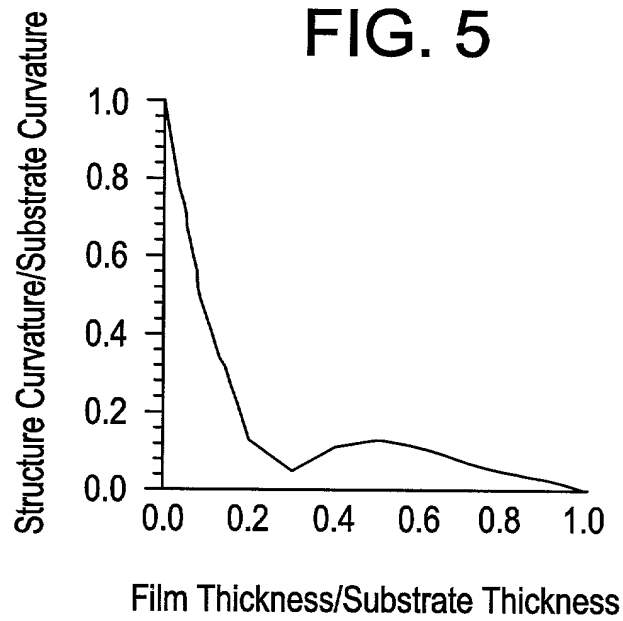


FIG. 5



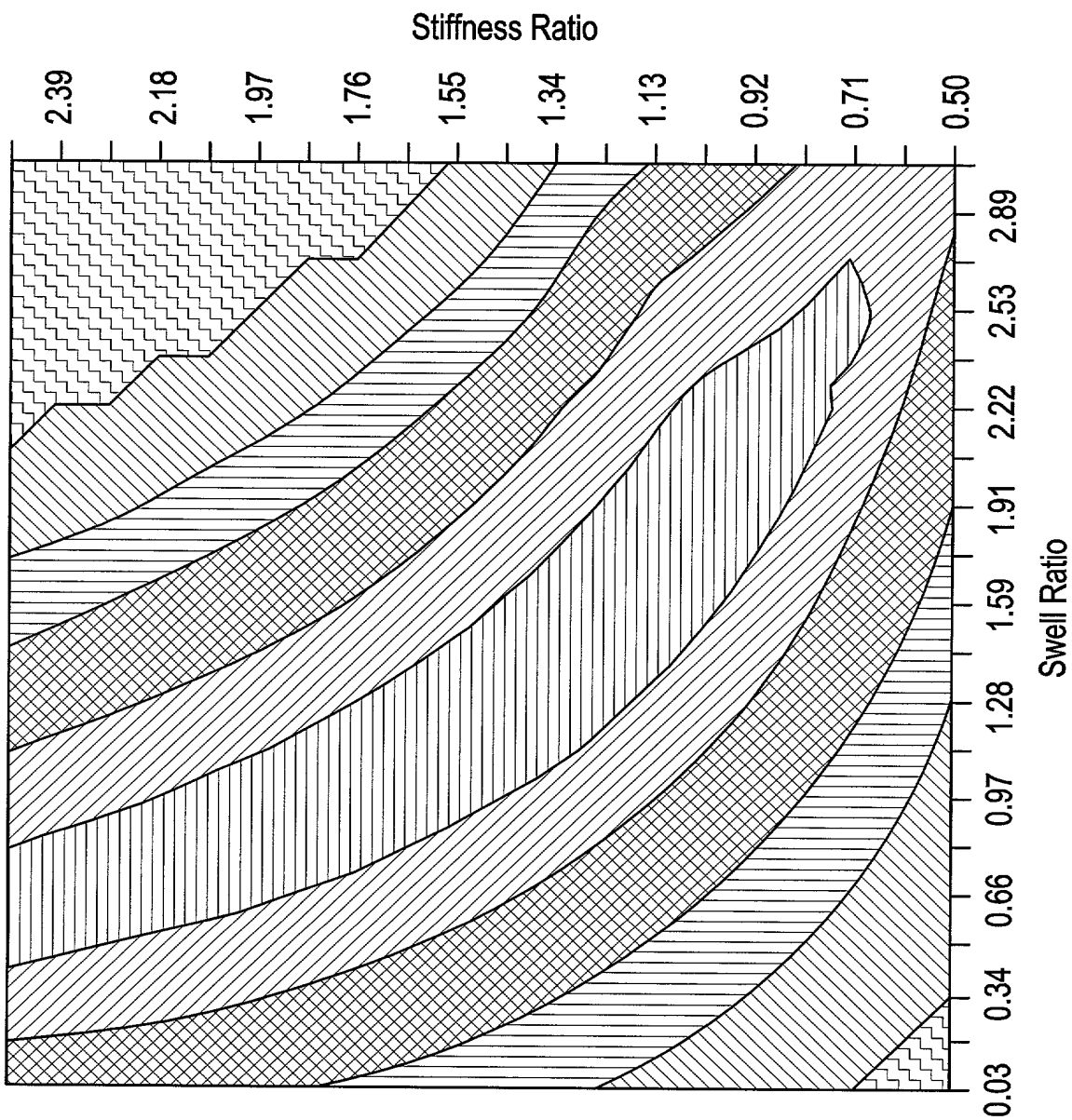
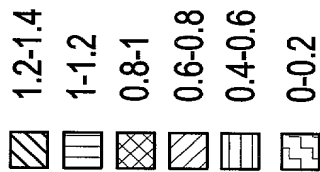


FIG. 6



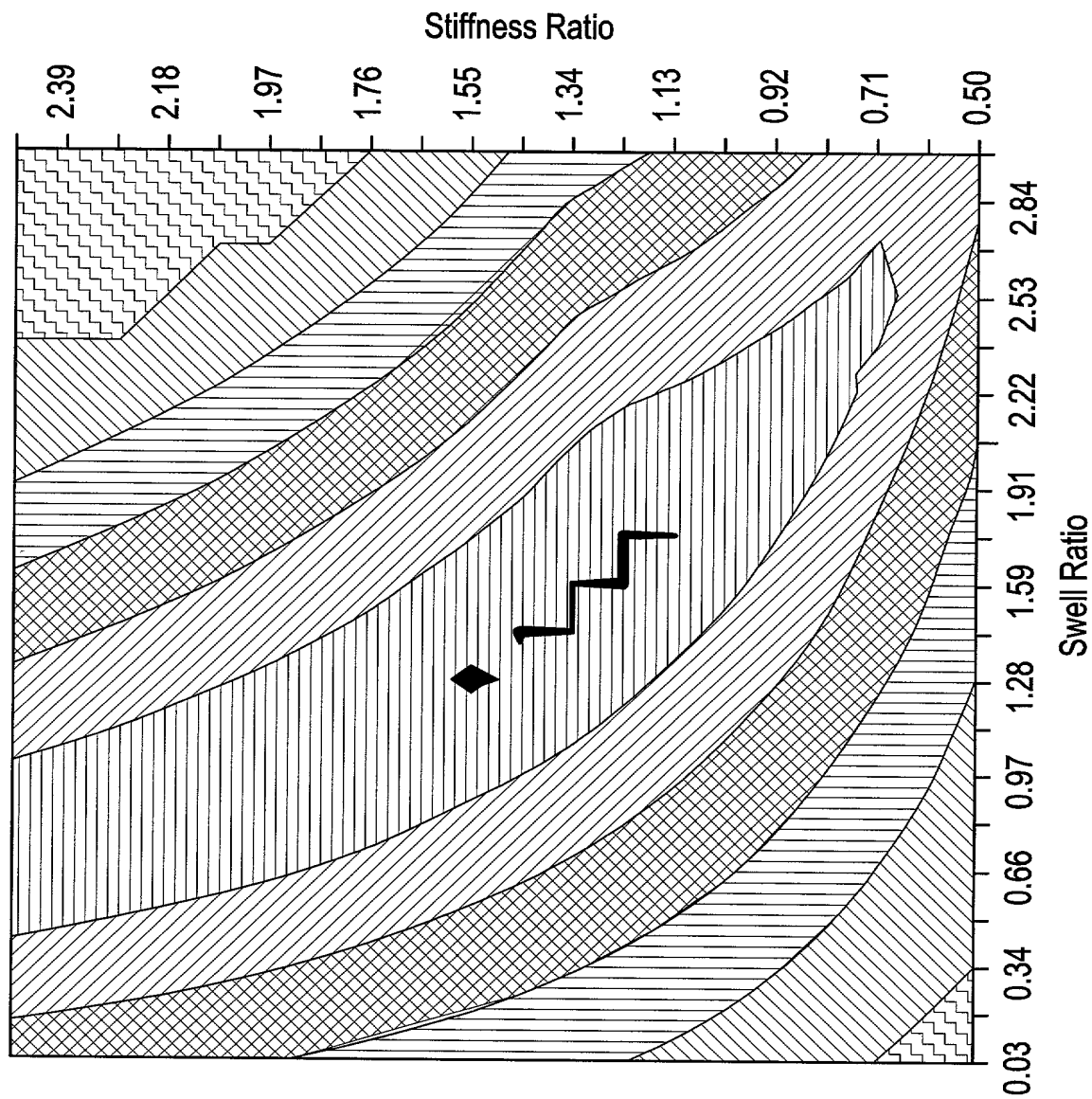


FIG. 7

FIG. 8

Mismatched System - identical substrate

25°C and 50% rh - 25°C and 90% rh - 25°C and 50% rh

Film Ratios	
Thickness	0.070
Stiffness	1.3985496
Swell	1.9999845
Diffusivity	0.930049

60% reduction in  
radial deviation range

